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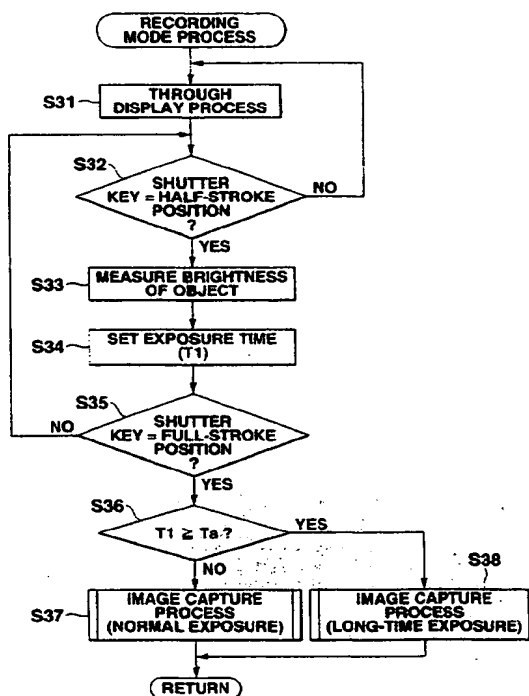
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(54) **Electronic still camera capable of removing noise component in image data and signal processing method thereof**

(57) Upon depression of a shutter key of a key input unit (26), a sensed image (DATA1) is captured by exposing a CCD (14) for exposure time T1 with a mechanical shutter (12) opened, and a dark frame image (DATA2) is captured by exposing the CCD (14) for exposure time Ta with the mechanical shutter (12) closed. A correction value corresponding to exposure time T1 is then determined by looking up a correction data table (TBL) stored in a storage area (27a) of a data memory (27), and DATA2 is corrected using the determined correction value. By subtracting the corrected DATA2 from DATA1, a dark output component contained in DATA1 is removed.

FIG.8



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EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 8 August 2002	Examiner Didierlaurent, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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